

Multi-Instrument Intercalibration (MIIC) Framework: Extensions and Deployment Home

Introduction

Team Calendars

This space manages development and deployment activities for the MIIC Framework project.

The objectives of the system are to:

- Access matched measurements within large datasets distributed across multi-agency international data centers
- Support intercalibration & intercomparison studies
- Operate in a distributed NOAA-NASA collaborative environment
- Demonstrate feasibility and benefit of distributed services built on top of the OPeNDAP networking middleware and server-side functions
- Demonstrate feasibility of tool to support climate model and observational data comparisons
- Provide web services to support the GSICS community and instrument Cal-Val teams

MIIC Components

A MIIC deployment consists of the the following components:

- The MIIC application tier – manages the data inter-comparison process (predict, locate, collect & analyze data)
- One or more OPeNDAP Hyrax servers – The [MIIC OPeNDAP Plugin](#) running inside a Hyrax server provides access to data in reduced-size formats required by MIIC

The MIIC application tier deploys from a single Java web-archive (war) and includes other [MIIC Artifacts](#) that facilitate these uses cases:

- Developing a new [MIIC Analysis Plugin](#). Analysis plugins use the JAIDA data analysis framework to process data retrieved by MIIC.
- Running an analysis plugin locally.
- Writing other Java software that accesses MIIC features via the [MIIC REST API](#).

Ticketing system

- This is a direct link to the JIRA ticketing system used for this effort: <https://bugs.earthdata.nasa.gov/browse/MII>

Code repository

- This is a direct link to the git repository used for this effort: <https://git.earthdata.nasa.gov/projects/MII>

Project Team

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- Nathan Potter, Consultant, OPeNDAP

Recent space activity



Jon Currey

- [CPF Data Management System](#) updated Apr 27, 2017 • [view change](#)



• Aron Bartle

- [CPF Prototype](#) updated Mar 17, 2017 • [view change](#)



[CPF Data Management System](#) updated Mar 01, 2017 • [view change](#)



[How to fix certificate errors with MIIC OPeNDAP servers](#) updated Jan 25, 2017 • [view change](#)



[How to setup MIIC development environment](#) updated Jan 25, 2017 • [view change](#)

Space contributors

- Jon Currey (57 days ago)
- Aron Bartle (98 days ago)
- David Johnson (841 days ago)
- Paolo Querimitt (868 days ago)
- Nevin Apondo (1108 days ago)
- ...